
Name of Organization: City of Detroit

Type of Organization: Municipality

Contact Information: Ms. Willa Williams

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Project Title: PCB Reduction and Minimization Project for the Detroit River

Project Category: Pollution Prevention and Reduction - BNS

Rank by Organization (if applicable): 2

Total Funding Requested (\$): 42,100 **Project Duration:** 2 Years

Abstract:

Outreach activities will focus on involving small and medium sized industries in PCB reduction activities for the Southeast Michigan area. Two educational sessions will be held to inform attendees on current requirements and regulations concerning the use and disposal of PCBs. The sessions will be followed by two Technology Transfer sessions designed to showcase successful PCB strategies applicable to small and medium sized industries. Opportunities for the formation of partnerships to lower costs related to PCB management through an economy of scale would also be facilitated. The final portion of this proposal would offer no, or low cost facility inspections by trained and appropriate risk management steps suggested.

Geographic Areas Affected by the Project

States:

<input type="checkbox"/> Illinois	<input type="checkbox"/> New York
<input type="checkbox"/> Indiana	<input type="checkbox"/> Pennsylvania
<input checked="" type="checkbox"/> Michigan	<input type="checkbox"/> Wisconsin
<input type="checkbox"/> Minnesota	<input type="checkbox"/> Ohio

Lakes:

<input type="checkbox"/> Superior	<input checked="" type="checkbox"/> Erie
<input type="checkbox"/> Huron	<input type="checkbox"/> Ontario
<input type="checkbox"/> Michigan	<input type="checkbox"/> All Lakes

Geographic Initiatives:

<input type="checkbox"/> Greater Chicago	<input type="checkbox"/> NE Ohio	<input type="checkbox"/> NW Indiana	<input checked="" type="checkbox"/> SE Michigan	<input type="checkbox"/> Lake St. Clair
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Primary Affected Area of Concern: Detroit River, MI

Other Affected Areas of Concern: St. Clair River, Clinton River, Rouge River, and River Raisin

For Habitat Projects Only:

Primary Affected Biodiversity Investment Area:

Other Affected Biodiversity Investment Areas:

Problem Statement:

PCBs have been designated as a critical pollutant/parameter of concern through the Lake Erie LaMP and the Detroit River RAP and the other SEMI RAPs respectively. In addition PCBs are named as a hazardous polluting substance in appendix 1 of the Great Lakes Water Quality Agreement of 1978, as amended by protocol 1987. PCBs are targeted for reductions through the Cooperation, and By resolution of the United Nations.

Because PCBs are no longer produced and their use and disposal have been banned or controlled, environmental gains through traditional "end of the pipe" controls for point source are reductions of PCBs in the environment.

Voluntary Pollution Prevention activities offer perhaps the best opportunity for the greatest reduction of both the high level PCBs (>500 ppm) still in use as well as the lower level PCBs which have not been targeted by federal programs.

Proposed Work Outcome:

Outcome:

- 1) Clarification of current PCB regulations and requirements for the Industrial Sector
- 2) Technology transfer from large industry to medium and small industry
- 3) Identification of P2 opportunities and possible PCB containing items
- 4) Identification of partnership opportunities for disposal cost reductions through "economy of scale:

Products:

- 1) 3 Local Industry sponsor letters
- 2) PCB fact sheet
- 3) Poster of PCB containing items
- 4) Two educational sessions on PCB regulations and requirements
- 5) Two technology transfer sessions/ partnering workshops
- 6) Evaluation of possible PCB reduction actions at 5-15 medium to small industrial facilities

Project Milestones:**Dates:**

Project Start	10/2000
Industry Letters (3)	01/2000
Fact Sheet	04/2000
Poster	07/2001
Workshops (2)	10/2001
Workshops (2)	07/2002
Site Visits	10/2002
Project End	10/2002

☐ Project Addresses Environmental Justice

If So, Description of How:

While this proposal does not have a specific EJ component, its implementation would reduce PCB in near older industrial sites which are commonly associated with impacted communities.

☒ Project Addresses Education/Outreach

If So, Description of How:

Industrial and Commercial Facilities: using educational Facts Sheets and Posters and two educational sessions, this program will provide strategies for assessment and implementation of PCB source elimination and reduction. The outreach component of the program, will accomplish PCB pollution prevention through industry sponsor letters, industry roundtables, and site visits.

Project Budget:

	Federal Share Requested (\$)	Applicant's Share (\$)
Personnel:	10,000	1,150
Fringe:	0	0
Travel:	2,000	0
Equipment:	0	0
Supplies:	0	1,000
Contracts:	28,000	0
Construction:	0	0
Other:	2,100	1,000
Total Direct Costs:	42,100	3,150
Indirect Costs:	0	0
Total:	42,100	3,150
Projected Income:	0	0

Funding by Other Organizations (Names, Amounts, Description of Commitments):

Possible collaboration funding

Description of Collaboration/Community Based Support:

This proposal was prepared through the Detroit River RAP P2 team.
Collaborators will include:

Detroit River RAP P2 team
Detroit River RAP Nonpoint Source team
Naional Steel, Great Lakes Division
City of Detroit
Michigan Department of Environmental Quality
and possible collaboration from the Automotive Industry (Big 3)